



AS/A Level

Design and Technology: Product Design

(Available for teaching from September 2008)

These specifications are designed to offer learners opportunities to study, propose and realise prototype solutions closely linked to the real world of product manufacture in a range of material areas. Recognising the routes that are pursued at GCSE this specification provides candidates with opportunities to continue their studies either exclusively or as a combination of focus material areas.



What are the benefits to me and my students of delivering this OCR specification?

- This specification offers excellent progression from the OCR GCSE Product Design with an AS Advanced Innovation challenge unit.
- The specification has been reduced from six to four units, thus reducing the assessment burden on learners.
- This specification accommodates exclusive use of materials or a combination of focus material areas.
- Content of the specification has been revised, updated and improved to reflect customer feedback.

AS Level

Unit title	Description	Mandatory/Optional?
Advanced Innovation Challenge	The Advanced Innovation Challenge requires candidates to design and model in a design workshop or examination room and complete a workbook and question paper.	Mandatory
Product Study	The Product Study consists of product analysis and product development, prototype modelling and testing.	Mandatory

A2 Level

Unit title	Description	Mandatory/Optional?
Design, Make and Evaluate	Candidates are required to produce a coursework portfolio and product which fully demonstrates their designing, making and evaluation skills, using creativity, flair and innovation.	Mandatory
Product Design	The subject content of this unit is focused towards products and applications and their analysis in respect of: <ul style="list-style-type: none">• materials, components and their uses• manufacturing processes• industrial and commercial practices.	Mandatory

How is this qualification assessed?

Advanced Innovation Challenge requires candidates to work with materials and be examined in either a supervised examination room or design workshop. Externally marked by OCR.

Product Study is a coursework unit. Internally marked, externally moderated by OCR.

Design, Make and Evaluate is a coursework unit. Internally marked, externally moderated by OCR.

Product Design is an externally marked written examination paper.

Dates of first examinations

AS

First examination available from June 2009 (followed by January and June 2010)

A2

First examination available from January 2010

Thereafter all units will be available in January and June.

What support will I receive?

Training

Introductory INSET will be available to support all teachers of this new specification.

Publishers

Hodder Murray will publish resources to support this specification.

Resources

The following resources will be downloadable from the OCR website – www.ocr.org.uk.

- Sample Assessment Materials
- Coursework guidance can be found within the specification

For more information please contact the OCR Customer Contact Centre on **01223 553998**, or visit www.ocr.org.uk.